

GOKULAN DHATCHINAMOORTHY

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PROFESSIONAL SUMMARY

- Experienced Senior MERN Stack Developer with over 7 years of proven expertise in designing, implementing, and maintaining robust web applications. Adept at leveraging the full MERN (MongoDB, Express.js, React.js, Node.js) technology stack to deliver scalable and high-performance solutions.
- Manage all phases of web application for a wide range of clients requiring interactive, transactional intranet sites. Assess client needs and develop specifications, plan and implement projects from initial conceptual design through coding, final delivery and client approval.
- Experienced in managing Websocket functionality including opening, closing, and tracking and setting up communication channels for sending and receiving real-time messages between clients and the server.
- Experienced in working with Agile environment and participating in scrum sessions, sprint planning, business requirement gathering sessions.
- Experienced in design, create & maintain high-quality Javascript packages that were not only technically sound but also well-documented and easy for other developers to adopt. (<https://github.com/dgokul19/flexy-slider.git>)
- Experience in writing test cases using TDD and BDD approach, Good knowledge on writing code for automation test cases using Cypress.
- Integrated CI/CD workflows seamlessly with version control systems (Git, SVN), enabling automatic code triggers upon every commit or pull request.
- Orchestrated the complete automation of the build, test, and deployment processes, resulting in a significant reduction in manual intervention and human errors.

AREA OF EXPERTISE

- Mobile/Responsive Design
- Code Optimization
- Web Socket
- UI Enhancement
- Unit Testing
- UI/UX Design
- CI/CD Integration
- E-Commerce Development
- REST API
- Module / Package Development

Primary Prowess

Programming Languages	- JavaScript (ES6).
Web Technologies	- HTML5/XHTML, CSS3/SASS, JQuery, Typescript.
Frameworks	- React Js, Next Js, Node Js, Angular Js, Express Js, Material UI, Bootstrap.
Database	- MYSQL, MongoDB.
Libraries	- Websocket, Redux, Redux-Saga, Sonarqube, D3.js, AG-grid, Pdfmake, ExcelJs, Webpack.
Web Tools	- Git, Bitbucket, JIRA, Jenkins.
Graphic Tools	- Photoshop, Figma.
Testing Tools	- Unit Testing, Automation Testing (Cypress).

Rudimentary Knowledge

Java | Golang | Php

WORK SUMMARY

SENIOR SOFTWARE ENGINEER TECHNOPALS PTE LTD SINGAPORE	NOV 2022 - PRESENT
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CLIENT DBS BANK

- Provide technical ownership and guidance to the development team. Mentor and assist junior developers, review their code, and help them improve their skills.
- Collaborate with other stakeholders, such as product managers and UX designers, to define the technical requirements and translate them into scalable and efficient React.js components.
- Write clean, efficient, and maintainable code using React.js best practices. Develop new features and enhance existing ones, ensuring high-quality standards are met.
- Choose and implement appropriate state management solutions like Redux and React Context API. Ensure that the application's state is managed efficiently and consistently across components.
- Identify and resolve issues and bugs in a timely manner. Perform root cause analysis and implement effective solutions to prevent future occurrences.
- Integrate WebSocket functionality into the client-side application using appropriate libraries in React.js. Implement logic for sending and receiving messages between connected clients and the server. Define message formats and payloads according to application requirements.

Tools/Libraries React.js, Redux, Websocket, Bitbucket, Ag-grid, Webpack.

- Developed and maintained front-end code for various capability landing and detail pages of Annual Operating application using technologies such as HTML, CSS/Sass, JavaScript, React Js and Node Js.
- Identify and optimize performance bottlenecks within React.js applications. Analyze and fine-tune code to improve rendering speed, minimize re-renders, and optimize data fetching.
- Developed various React UI components and Data visualization as a part of our internal pattern library, which is used across multiple teams to achieve standardized code throughout the application.
- Participated in team meetings with the onsite team and the business analyst, product owner to understand the needs of new implementation. Participated in daily team meetings and scrum meetings.
- Write unit tests, integration tests, and end-to-end tests to ensure the reliability and stability of the React.js application. Collaborate with the QA team to establish and maintain quality assurance processes.
- Implemented Cypress Automation testing tool and integrated along with Continuous Integration (CI) tool.

Tools/Libraries Git, React.js, Node Js, Redux, Ag-grid, Material UI, ExcelJs, ES lint, SonarQube.

- Developed front end for cart and checkout, Product certificates Microservices in Deluxe marketing application using HTML, CSS, JavaScript, AngularJs, React Js and Node Js.
- Involved in solving Cross Browser Compatibility issues. Developed the Application in an Agile Environment which involved daily scrums, sprints, monitoring user stories using JIRA.
- Write clean, efficient, and maintainable code using React.js best practices. Develop new features and enhance existing ones, ensuring high-quality standards are met.
- Converted raw data from API and database calls to create unique and effective user experiences in the browser
- Identify and resolve issues and bugs in a timely manner. Perform root cause analysis and implement effective solutions to prevent future occurrences.

Tools/Libraries Git, Bitbucket, JIRA, Pdfmake, Material UI, Workbench, MongoDB Compass

- Create wireframes and interactive prototypes to outline the structure and layout of web pages or mobile app screens using tools like Photoshop and Figma to visualize and test user flows and interactions.
- Develop the front-end of web applications, ensuring that the user interface is responsive and visually engaging.
- Write clean, semantic HTML, CSS, and JavaScript code to create the UI elements, layouts, and styles.
- Create responsive layouts that adapt to various screen sizes and orientations, providing an optimal user experience on desktops, tablets, and smartphones.
- Used AngularJS framework to bind views to models and designed classes in ECMA Script 6 and explored on the webpack build process for sentient application.

Tools/Libraries Angular Js, Material UI, Google Map API, Photoshop, HTML/CSS.

- Write clean, semantic HTML, CSS, and JavaScript code to create the UI elements, layouts, and styles. Implement animations, transitions, and interactive elements to enhance the user interface and create engaging user experiences.
- Conduct thorough testing, including unit testing and cross-browser testing, and debug issues to ensure a bug-free and smooth user interface. Ensure that the UI works consistently across different browsers and devices by testing and fixing compatibility issues.
- Involved in 70+ Website design and development phase, graphic design.

Tools/Libraries HTML/CSS, Bootstrap, Angular Js, PHP, Photo-shop, VSCode, FileZilla, XAMPP

ACADEMIC QUALIFICATION

- Graduated Bachelor of Engineering (CSE) in June 2014 from Jaya Institute of Technology at Thiruvallur with 59%.
- Graduated HSC in March 2010 from National Higher Secondary School at Mannargudi with 68%.
- Graduated SSLC in April 2008 from Nava Bharath Matric Higher Secondary School at Ullikkottai with 76%.